

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	69762	(plasma with (cvd (vapor adj deposit\$3)))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/22 07:25
L2	925	L1 and (clean\$3 with (substrate wafer) with heat\$3)	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/22 07:26
L3	2	L1 and (clean\$3 with (substrate wafer) with (heat\$3 same (electron) same arc))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/22 07:30
L4	30	("2378476"   "3625848"   "3677924"   "3900585"   "4094764"   "4279216"   "4351855").PN. OR ("4511593").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 07:29
L5	2	L1 and (clean\$3 with (substrate wafer) with (heat\$3 same (electron ion) same arc))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/22 07:31
L6	20	L1 and (clean\$3 with (substrate wafer) with (heat\$3 same (electron)))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/22 07:45
L7	27	("4401054"   "4450031"   "4492620"   "4503807"   "4534842"   "4564997"   "4566940"   "5270616"   "5292370"   "5346579"   "5370765"   "5411591"   "5483248"   "5529632"   "5562775").PN. OR ("5707452").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 07:39
L8	1000	L1 and (etch\$3 with (substrate wafer) with (argon ar))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/22 07:45
L9	47	L1 and ((etch\$3 with (substrate wafer) with (argon ar)) same (bias with voltage))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/22 07:51
L10	0	L1 and ((etch\$3 with (substrate wafer) with (argon ar)) same (bias with voltage with ac))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/22 07:48

## EAST Search History

L11	423	"40207"	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/22 07:52
L12	3	("5352493").PN. OR ("6200675"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 08:57
L13	28	L1 and (substrate with (unipolar bipolar sinusoidal) with (bias))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 08:57
S7	1553	427/569.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:49
S8	596	427/577.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 12:15
S9	12	((("5629086") or ("5541003") or ("5368939") or ("5266409") or ("5170563") or ("4731302") or ("4525417") or ("5266409") or ("6284376") or ("6165616") or ("6022622") or ("5249554") or ("4842937"))).PN.	USPAT	OR	OFF	2006/11/20 14:23
S10	7	massler-orlaw.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:31
S11	13	wohrab-christian.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:30
S12	4	eberle-hubert.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:30
S13	6	grischke-martin.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:30
S14	14	pedrazzini-mauro.in.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:28

## EAST Search History

S15	19	pedrazzini-mauro.in.	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:28
S16	5	grischke-martin.in.	EPO	OR	ON	2006/11/20 14:30
S18	2	eberle-hubert.in.	EPO	OR	ON	2006/11/20 14:30
S19	8	wohlrab-christian.in.	EPO	OR	ON	2006/11/20 14:30
S20	3	massler-orlaw.in.	EPO	OR	ON	2006/11/20 14:39
S21	1	DE-10018143-\$3.did.	USPAT; EPO; DERWENT	OR	ON	2006/11/20 14:41
S22	1553	427/569.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:50
S23	172	S22 and (DLC (diamond adj like adj carbon) (amorphous adj carbon) (adamantine adj carbon))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:02
S24	596	427/577.ccls.	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:50
S25	311	S24 and (DLC (diamond adj like adj carbon) (amorphous adj carbon) (adamantine adj carbon))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:51
S26	9868	(DLC (diamond adj like adj carbon) (amorphous adj carbon) (adamantine adj carbon)) and (plasma (arc adj discharge))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:52
S27	4100	(DLC (diamond adj like adj carbon) (amorphous adj carbon) (adamantine adj carbon)) same (plasma (arc adj discharge))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:56
S28	1582	S27 and ((clean\$3 etch\$3) with (substrate wafer))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:57
S29	122	S25 and ((clean\$3 etch\$3) with (substrate wafer))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:57
S30	1238	S27 and ((etch\$3) with (substrate wafer))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:57

## EAST Search History

S31	606	S27 and ((etch\$3 and heat\$3) with (substrate wafer))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:58
S32	466	S31 and (hydrogen ("h.sub.2"))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 14:58
S33	59	S23 and (multilayer (multi adj layer) (layer adj system) (layer adj stack))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:38
S34	55	S25 and (multilayer (multi adj layer) (layer adj system) (layer adj stack))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:04
S35	154	S32 and (multilayer (multi adj layer) (layer adj system) (layer adj stack))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:04
S36	1063	S27 and (multilayer (multi adj layer) (layer adj system) (layer adj stack))	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:39
S37	174	S36 and adhesive and intermediate	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:39
S38	174	S36 and adhesive and transition	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:40
S39	79	(S37 S38) and wear and corrosion	US-PGPUB; USPAT; DERWENT; IBM_TDB	OR	ON	2006/11/20 15:40

## EAST Search History

S41	40	(US-20040038033-\$ or US-20060099340-\$ or US-20050118428-\$ or US-20030091742-\$ or US-20020100420-\$).did. or (US-6740393-\$ or US-5897942-\$ or US-7125588-\$ or US-6372303-\$ or US-6228471-\$ or US-5688556-\$ or US-6572933-\$ or US-6083570-\$ or US-5804259-\$ or US-5714202-\$ or US-5688557-\$ or US-5679413-\$ or US-5645900-\$ or US-5260107-\$ or US-6491987-\$ or US-5190807-\$ or US-5711773-\$ or US-5849443-\$ or US-5882830-\$ or US-6184572-\$ or US-6284376-\$ or US-6165616-\$ or US-6022622-\$ or US-5629086-\$ or US-5541003-\$ or US-5368939-\$). did. or (US-5266409-\$ or US-5249554-\$ or US-5170563-\$ or US-4842937-\$ or US-4731302-\$ or US-4525417-\$).did. or (EP-1362931-\$ or WO-179585-\$). did. or (DE-10018143-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2006/11/20 16:45
-----	----	--	--	----	----	------------------